

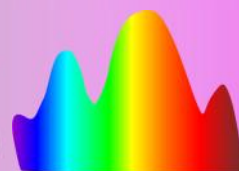


## Smart Sensor SS04B



SS04B is a device designed for measurements of illuminance and color characteristics of a light source. Accurate measurements of Correlated Color Temperatures (CCT) and Chromaticity are taken in real time by using an high-performance XYZ true color sensor. SS04B can be connected to a host device (smartphone or PC) via Bluetooth or USB. The device is powered by an internal rechargeable battery that allows several hours of uninterrupted operations. The battery charge can be quickly restored through its micro USB socket by using a standard smartphone charger.

- Lux Meter
- Light Meter
- Color Meter



SS04B offers enhanced features and improved metering accuracy and is small enough to be placed anywhere in the scene.

It connects with LxMeter Android smartphone app via Bluetooth LE.



SS04B can measure illuminance and chromaticity of a light source at the same time. Chromaticity is evaluated according to CIE 1931 and CCT-Duv diagrams.



SS04B sensor is fully supported by Android app LxMeter. You can download LxMeter from Google Play Store.



## Technical specifications

### MEASUREMENT RANGE

- Operating range: 0.1...2000000 lx (-5...19 EV @ISO100)
- Accuracy:  $\pm 5\%$  (0.1 EV @ISO100)

### MEASUREMENT SENSOR

XYZ true color sensor with flat diffuser

### COLOR TEMPERATURE

- Illuminance range: 1...2000000 lx
- CCT range: 2000K...10000K
- Color accuracy: 0.002 Duv (typ @2700K,3500K,5000K)

### INTERFACES

- Bluetooth Low Energy 4.0
- USB
- Supported by LxMeter app

### POWER SUPPLY

- Internal LiPo battery (rechargeable through USB port)
- >5 hours seamless working time
- >1 year stand-by time

### OPERATING TEMPERATURE

0°...40°C working (RH max 85% at 25°C)  
20°...60°C storage

### ENCLOSURE

- Black ABS

### DIMENSIONS

- 58 mm x 35 mm x 17 mm

### WEIGHT

- ~30 g